

STEREO MOC Status Report
Time Period: 2009:299 - 2009:305

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 299, DSS 24 maser receiver was declared red. As the ETRO was day 303 and DSS 24 was scheduled for day 302 on AHEAD, the day 302 track was switched to DSS 55 with a duration of 4.4 hours. All SSR data was recovered.
- On day 304, during the DSS 45 support, telemetry lock was lost at 2258z for 14 minutes. This resulted in the loss of several minutes of SSR data for each instrument. A DR has been requested.

2. Ahead spacecraft performance continues to be very good with all subsystems performing nominally. The following spacecraft/instrument events occurred during this week:

- On day 301, the G&C parameter to detect and re-position the SECCHI Guide Telescope to the center of the Sun, upon one of the GT sensors becoming saturated, was enabled.
- The average daily SSR playback volume for Ahead was 5.6 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 299, DSS 24 maser receiver was declared red. To accommodate the AHEAD day 302 support on DSS 55, the BEHIND day 302 track, which was also using DSS 55, was shortened 0.2 hours to a duration of 4.7 hours. All SSR data was recovered.

2. Behind spacecraft performance continues to be very good with all subsystems performing nominally. The following spacecraft/instrument events occurred during this week:

- On day 299, the BEHIND S/C reached the L5 libration point.

- On day 301, the G&C parameter to detect and re-position the SECCHI Guide Telescope to the center of the Sun, upon one of the GT sensors becoming saturated, was enabled.
- The average daily SSR playback volume for Behind was 6.0 Gbits during this week.